TRADEMARK ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE: **NEW ASSIGNMENT**

NATURE OF CONVEYANCE: RELEASE BY SECURED PARTY

CONVEYING PARTY DATA

Name	Formerly	Execution Date	Entity Type
Societe Generale		03/28/2013	CORPORATION: FRANCE

RECEIVING PARTY DATA

Name:	Mold-Masters Luxembourg Holdings S.A.R.L.
Street Address:	20 Rue de la Poste
City:	Luxembourg
State/Country:	LUXEMBOURG
Postal Code:	L-2346
Entity Type:	LIMITED LIABILITY COMPANY: LUXEMBOURG

Name:	Mold-Masters Luxembourg Acquisitions S.A.R.L.
Street Address:	20 Rue de la Poste
City:	Luxembourg
State/Country:	LUXEMBOURG
Postal Code:	L-2346
Entity Type:	LIMITED LIABILITY COMPANY: LUXEMBOURG

Name:	4437667 Canada Inc. A/K/A Mold-Masters (2007) Limited
Street Address:	233 Armstrong Avenue
City:	Georgetown, Ontario
State/Country:	CANADA
Postal Code:	L7G 4X5
Entity Type:	CORPORATION: CANADA

PROPERTY NUMBERS Total: 28

Property Type	Number	Word Mark
Registration Number:	2019486	DURA MEGA-SHOT
Registration Number:	3379292	FLEX-SERIES
		TDADEMADIA

REEL: 005000 FRAME: 0001

TRADEMARK

Registration Number:	3374206	ACCU-VALVE
Registration Number:	1072894	MOLD-MASTERS SYSTEM
Registration Number:	3357782	MELT-DISK
Registration Number:	3442833	FUSION SERIES
Registration Number:	3243510	MASTERCARE
Registration Number:	2177077	DURA FEMTO-SHOT
Registration Number:	2911838	
Registration Number:	2911837	
Registration Number:	2911836	
Registration Number:	2042134	DURA
Registration Number:	1447183	SCAN-MASTER
Registration Number:	2940466	MASTER-SERIES
Registration Number:	2389509	MERLIN
Registration Number:	1984430	DURA HECTO-SHOT
Registration Number:	1933748	DURA CENTI-SHOT
Registration Number:	2802817	MERLIN
Registration Number:	1282175	MASTER-PROBE
Registration Number:	1186387	MASTER-SHOT
Registration Number:	1142933	HOT EDGE
Registration Number:	3044627	MASTERSPEED
Registration Number:	3044626	MASTERSOLUTION
Registration Number:	1932033	DURA DECI-SHOT
Registration Number:	1932032	DURA PICO-SHOT
Registration Number:	1918627	MOLD-MASTERS ACADEMY
Registration Number:	2990935	STACK-LINK
Registration Number:	1020951	MOLD-MASTERS

CORRESPONDENCE DATA

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BCG-CALGARY: SOC. GEN.

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NAME OF SUBMITTER:	Randee Sibul-Gelbert
Signature:	/Randee Sibul-Gelbert/
Date:	04/05/2013

Total Attachments: 13

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INTELLECTUAL PROPERTY AGREEMENT TO RELEASE SECURITY

THIS INTELLECTUAL PROPERTY AGREEMENT TO RELEASE SECURITY is entered into on this day of the Americas, New York, NY 10020, USA, (the "Collateral Agent"), and Mold-Masters Luxembourg Holdings S.A.R.L., a limited liability company of Luxembourg, with a business address of 20 Rue de la Poste, Luxembourg L-2346; Mold-Masters Luxembourg Acquisitions S.A.R.L., a limited liability company of Luxembourg, with a business address of 20 Rue de la Poste, Luxembourg L-2346; and 4437667 Canada Inc., now known as Mold-Masters (2007) Limited, a corporation of Canada, with a business address of 233 Armstrong Avenue, Georgetown, Ontario L7G 4X5, Canada (the three latter companies to be known herein as the "Borrower").

WHEREAS the Collateral Agent and the Borrower entered into an Intellectual Property Security Agreement on October 11, 2007 ("Security Agreement 1"), pursuant to a Credit Agreement dated October 11, 2007 (the "Credit Agreement") between the Borrower and various lenders (the "Secured Party"), in which Borrower pledged a security interest in all of its right, title and interest to Borrower's intellectual property (the "Intellectual Property Collateral");

WHEREAS the Collateral Agent and the Borrower entered into a second Intellectual Property Security Agreement on October 31, 2008 ("Security Agreement 2"), pursuant to the Credit Agreement;

WHEREAS the Secured Party has officially notified the Collateral Agent that the Borrower has fully paid, satisfied, and discharged all obligations incurred under the Credit Agreement, Security Agreement 1, and Security Agreement 2, and any other documents related thereto:

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the Collateral Agent agrees as follows:

Section 1. The Collateral Agent hereby releases all right, title and interest, including all security interests that arose from the Credit Agreement, Security Agreement 1, Security Agreement 2, and any other documents related thereto, in the Intellectual Property Collateral, which includes the following:

- (a) the U.S. patents and patent applications referred to in Schedule A attached hereto;
- (b) the U.S. trademarks and trademark applications referred to in Schedule B attached hereto; and
 - (c) the U.S. copyright registration referred to in Schedule C hereto.

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Section 2. This Agreement shall be governed by and interpreted and enforced in accordance with the laws of the Province of Ontario and the laws of Canada applicable therein.

IN WITNESS WHEREOF, the Collateral Agent has caused this Agreement to be duly executed and delivered by its duly authorized officer as of the date set forth above.

SOCIETE GENERALE

Name: ____(
Title:

EDWARD J. GRIMM

WITNESSES

By:

Name: C

and Basice

SCHEDULE A U.S. PATENTS AND PATENT APPLICATIONS

Title	Application No.	Patent No.
Injection Molding System with Gas Flow Through Valve	07/398990	4917594
Gate		
Injection Molding Nozzle With Removable Forward Member	07/931208	5268184
Injection Molding Nozzle Insert	07/933817	5269676
Injection molding nozzle with partially unheated heating element	07/986601	5282735
Injection Molding Nozzle With Thermocouple Tube	08/025123	5312242
Injection Molding Nozzle Insert with Valve Member Locating Blades	08/051895	5334008
Injection molding torpedo with shaft having ceramic central portion	08/053496	5284436
Two Piece Injection Molding Nozzle Seal	08/095538	5299928
Injection Molding Nozzle Which Retains a Thermocouple Element	08/106617	5346388
Injection Molding Apparatus with Perpendicular Hot Tip Gates	08/170827	5366370
Valve Gated Injection Molding Apparatus with a Spring in the Piston	08/183313	5334010
Injection Molding Valve Member Sealing Bushing With Thin Collar Portion	08/206712	5387099
Injection Molding Nozzle With Two Removable Inserts	08/254538	5421716
Injection molding manifold having a heating element extending between the plates	08/254558	5496168
Injection Molding Nozzle With Helical Cooling Conduit	08/276409	5427519
Injection Molding One-Piece Insert Having Cooling Chamber with Radial Rib Portions	08/276623	5443381
Injection Molding Nozzle With Removable Collar Portion	08/278835	5429491
Injection Molding Heated Nozzle with Protective Tubes	08/312532	5507636
Injection Molding Nozzle With Collar Having Locating and Retaining Lug Portions	08/312535	5474440
Method of Making Injection Molding Nozzle	08/321007	5437093
Injection Molding Torpedo With Thermocouple Bore	08/323588	5405258
Valve Gated Stack Injection Molding Apparatus	08/359425	5460510
Injection Molding Nozzle with Separable Core and One- Piece Collar	08/364962	5507635
Method of Manufacturing Injection Molding Manifold Having A Melt Passage With An Elbow	08/373444	5441197
Side Gated Injection Molding Apparatus With Radially Mounted Gate Inserts	08/463921	5591465
Injection molding hot tip side gate seal with circumferential rim	08/463970	5494433

Title	Application No.	Patent No.
Injection molding apparatus with nozzle advanceable to mount side gate seals	08/464286	5536165
Injection molding nozzle with pressed in heating element and	08/502922	5614233
integral collar portion	09/500161	5700499
Valve Member Locating Insert For Injection Molding Nozzle	08/520161	5599567
Cooled Thread Split Inserts for Injection Molding Preforms	08/558622	
Injection Molding Nozzle Manifold	08/585519	5641526
Injection Molding Carbide Torpedo	08/585848	5658604
Injection Molding Valve Member With Head and Neck Portions	08/662004	5695793
Injection Molding Manifolds with Melt Connector Bushing	08/692704	5720995
Four Heated Nozzle Manifolds Interconnected in a Common Plane	08/692706	5705202
Heated Nozzle Manifolds In Common Plane Interconnected Through Connector Manifolds	08/692707	5707664
Heating Element Method	08/708814	5644835
Injection Molding Nozzle Guide and Sealing Ring	08/747438	5795599
Injection Molding Nozzle With Radial Vanes	08/771114	5652003
Injection Molding Nozzle with Edge Gate Inserts and Sealing Ring	08/779973	5820899
Injection molding apparatus with a one piece gate insert locating a cylindrical valve member	08/854243	5849343
Connector Bushing for Injection Molding Manifolds	08/872005	5792493
Nozzle Retaining Apparatus	08/878034	5853777
Injection Molding Manifolds with Melt Connector Bushing	08/958511	5843361
Injection Molding Apparatus Having Melt Bore Through The Front End of The Pin	08/969754	5935615
Injection Molding Apparatus Having Melt Dividing Bushings	08/969755	6135751
Injection Molding Apparatus Having Inter-Manifold Melt	08/969756	5935616
Transfer Bushings	08/969764	6062841
Sprue Gated Multi-Layer Injection Molding Apparatus Injection Molding Apparatus Having Melt Transfer and	08/977675	6030198
Dividing Bushing Five Layer Injection Molding Apparatus Having Four Position Valve Member Actuating Mechanism	08/977676	6074191
Side Gated Injection Molding Apparatus With Actuated Manifold	08/978863	5952016
Multi-layer injection molding apparatus having adjustable	09/013278	5942257
Valve member Injection molding cooled gate insert	09/036909	6017209
Injection Molding Three Portion Gate and Cavity Insert	09/036910	6030202
Injection Molding Three Portion Gate and Cavity Insert Injection Molding Cylindrical Manifold Insert and Method	09/058919	6095790
Injection Molding Cylindrical Mailhold insert and Method Injection molding apparatus having nozzles with elongated mounting flanges	09/100989	5980236

Title	Application No.	Patent No.
Injection Molding Nozzle Screwed into Mounting Flange	09/176368	6162043
Method of Making Injection Molding Nozzle With Tip Insert	09/195095	6009616
Method of Three Layer Injection Molding With Sequential and Simultaneous Coinjection	09/204246	6099780
Injection Molding Apparatus Having Melt Bore Through The Front End of The Pin	09/215389	6270711B1
Injection Molding Cooling Core Having Spiral Grooves	09/218637	6079972
Injection Molding Cooling Core Having a Ribbed Cap	09/218640	6077067
Injection Molding Apparatus Having Mold Cores With Reverse Taper	09/221767	6203310B1
Injection Molding Valve Member Actuating Mechanism	09/257141	6113381
Injection Molding Apparatus with Removable Nozzle Seal	09/261466	6302680B1
Injection molding cooled cavity insert	09/261467	6176700B1
Apparatus and Method for Three Layer Injection Molding	09/271835	6655945B1
Apparatus and Method For Multi-Layer Injection Molding	09/274443	6648622B1
Shuttle System for an Apparatus and Method for Injection Molding	09/289148	6398537B2
Drool control apparatus and method	09/309648	6348171B1
Seepage system for an injection molding apparatus	09/322573	6196826B1
Injection molding heater with melt bore therethrough	09/327490	6447283B1
Five Layer Injection Molding Apparatus Having Four Position Valve Member Actuating Mechanism	09/327641	6274075B1
Apparatus and Method For Multi-Layer Injection Molding	09/329036	6440350B1
Melt Transfer System (Revised)	09/425237	6454558B1
Method of Making an Injection Molding Cylindrical Manifold Insert	09/455386	6230384B1
Method of Multi-Layer Injection Molding	09/456848	6350401B1
Injection Molding Component with Heating Element and Method of Making	09/493149	6405785B1
Compact Cartridge Hot Runner Nozzle and Method of Making	09/520843	6394784B1
Method and Apparatus for Distributing Melt in a Multi-Level Stack Mold	09/568130	6575731B1
Externally Heated Hot-Runner Nozzle with Resistance Wire	09/582553	6323465B1
Method and Apparatus for an Automated Injection Molding Configuring & Manufacturing System	09/595154	6675055B1
Injection Molding Nozzle Apparatus	09/610009	6318990B1
Injection Molding Apparatus Having Melt Dividing Bushings		6286751B1
Stack Injection Molding Apparatus with Separately Actuated	09/654165	6755641B1
Arrays of Valve Gates Injection Molding Nozzle With Tip Insert	09/678248	6625873B1
Injection Molding roozled equity insert	09/734020	6488881B2
Injection molding cooled cavity insert	1001101000	, ~ - ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~

Title	Application No.	Patent No.
Method and Injection Molding Machine for Producing		
Injection-Molded Articles, Especially Toothbrush Bodies or	09/869676	6776600B1
Toothbrushes		
Method of Making Injection Molding Cooled Thread Split	09/922594	RE38396
Inserts	031322337	KL230370
Injection Molding Apparatus With Cooled Core	09/928230	RE38265
Valve Gate Assembly for Injection Molding	09/944109	6830447B2
Injection Manifold Having a Valve Pin Guiding Device	10/022282	6752618B2
Compact Cartridge Hot Runner Nozzle and Method of	10/025767	6638053B2
Making	10/023707	0036033132
Compact Cartridge Hot Runner Nozzle and Method of	10/025768	6561789B2
Making	10/023706	030178302
Gate Assembly For Reducing Drooling of Melt From a Sprue	10/076656	6835060B2
Bar		
Injection Nozzle Tip	10/110198	6789745B1
Injection Molding Component with Heating Element and	10/171615	6701997B2
Method of Making	10/1/1013	
Removable Heater For A Hot Runner Nozzle	10/210883	6780003B2
Improved Alignment Collar for a Nozzle	10/232619	6890473B2
Valve Pin Actuating Mechanism	10/237035	6893249B2
Metering device for a nozzle of an injection molding	10/245723	6884061B2
apparatus	10/243723	0004001102
Gap Seal between Nozzle Components	10/261660	6962492B2
Gap Seal Between a Nozzle and a Mold Component in an		
Injection Molding Gap Seal Between a Nozzle and a Mold	10/262967	6869276B2
Component in an Injection Molding Appar		
Tip Assembly Having at Least Three Components for Hot	10/262982	6921257B2
Runner Nozzle	10/202962	0,2123722
Injection Nozzle System and Injection Machine	10/268886	6769901B2
Incorporating Same	10/200000	0707701132
Mold Material Processing Device, Method & apparatus for	10/276962	7044191B2
Producing Same		
Injection Molding Nozzle with Helical Cooling Conduit	10/279024	6887418B2
Valve Bushing Assembly	10/279850	6840758B2
Small Pitch Nozzle with a Thermally Conductive Insert for	10/304747	6945767B2
an Injection Molding Machine		
Thermally Balanced Hot Runner Nozzle	10/311530	7137806B2
Injection Molding Nozzle Screwed into Mounting Flange	10/323869	RE38920
Multi-Cavity Injection Molding Apparatus Splitting Melt	10/327671	
Near Nozzle Front		1000000
Thermal Seal Between Manifold and Nozzle	10/357420	6860732B2
An Injection Nozzle Having a Heated Head Portion	10/358378	6992269B2
Valve Pin Locking Mechanism	10/361698	7022278B2
A Valve Pin Guide for a Valve-Gated Nozzle	10/369564	6921259B2

And An Alignment Piece Method for Fast Manufacturing and Assembling of Hot Runner Systems 10/72	0921 5804 5861 1190 9699 7576 9488 0685 1547 4807	7025585B2 6852265B2 6761557B2 7115226B2 7108502B2 7025586B2 7125242B2 7131834B2 6955534B2 7168943B2 7044728B2
Method and Apparatus for Distributing Melt in a Multi-Level Stack Mold10/420Compact Cartridge Hot Runner Nozzle and Method of Making10/463Mold Flow Transfer Mechanism Having a Melt Homogenizing Device10/463Hot Runner Nozzle with Interlaced Heater and Sensor A Valve Pin Guiding and Alignment System for an Injection Molding Machine10/629Decompression Device For An Injection Molding Apparatus10/639Valve Pin Adjustment Device10/649Improved Valve to Valve Melt Transfer Device10/649Guided Valve Pin For An Injection Molding Apparatus10/65Mixing Device10/670Injection Molding Apparatus and Linear Actuator with Position Sensor Therefore10/68Transfer Seal For A Removable Nozzle Tip Of An Injection Molding Apparatus10/68Valve Pin guiding Tip For A Nozzle10/69Tight Pitch Nozzle With Individual Valve Gate Control10/70Injection nozzle with planar heater10/70Nozzle with Thermally Conductive Device10/71In-Line Valve Gated Nozzle10/71Hot Runner Nozzle With A Tip, A tip Surrounding Piece10/71And An Alignment Piece10/72Method for Fast Manufacturing and Assembling of Hot10/72Runner Systems10/72	5804 5861 1190 9699 7576 9488 0685 1547 4807	6761557B2 7115226B2 7108502B2 7025586B2 7125242B2 7131834B2 6955534B2 7168943B2
Compact Cartridge Hot Runner Nozzle and Method of Making Mold Flow Transfer Mechanism Having a Melt Homogenizing Device Hot Runner Nozzle with Interlaced Heater and Sensor A Valve Pin Guiding and Alignment System for an Injection Molding Machine Decompression Device For An Injection Molding Apparatus Valve Pin Adjustment Device Improved Valve to Valve Melt Transfer Device Guided Valve Pin For An Injection Molding Apparatus Mixing Device Injection Molding Apparatus and Linear Actuator with Position Sensor Therefore Transfer Seal For A Removable Nozzle Tip Of An Injection Molding Apparatus Valve Pin guiding Tip For A Nozzle Tight Pitch Nozzle With Individual Valve Gate Control Injection nozzle with planar heater Nozzle with Thermally Conductive Device In-Line Valve Gated Nozzle Method for Fast Manufacturing and Assembling of Hot Runner Systems	5861 1190 9699 7576 9488 0685 1547 4807	7115226B2 7108502B2 7025586B2 7125242B2 7131834B2 6955534B2 7168943B2
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Hot Runner Nozzle with Interlaced Heater and Sensor A Valve Pin Guiding and Alignment System for an Injection Molding Machine Decompression Device For An Injection Molding Apparatus Valve Pin Adjustment Device Improved Valve to Valve Melt Transfer Device Guided Valve Pin For An Injection Molding Apparatus 10/63 Mixing Device Injection Molding Apparatus and Linear Actuator with Position Sensor Therefore Transfer Seal For A Removable Nozzle Tip Of An Injection Molding Apparatus Valve Pin guiding Tip For A Nozzle Tight Pitch Nozzle With Individual Valve Gate Control Injection nozzle with planar heater Nozzle with Thermally Conductive Device In-Line Valve Gated Nozzle Hot Runner Nozzle With A Tip, A tip Surrounding Piece And An Alignment Piece Method for Fast Manufacturing and Assembling of Hot Runner Systems	9699 7576 9488 0685 1547 4807	7025586B2 7125242B2 7131834B2 6955534B2 7168943B2
A Valve Pin Guiding and Alignment System for an Injection Molding Machine Decompression Device For An Injection Molding Apparatus 10/63: Valve Pin Adjustment Device 10/63: Improved Valve to Valve Melt Transfer Device 10/64: Guided Valve Pin For An Injection Molding Apparatus 10/65: Mixing Device 10/67: Injection Molding Apparatus and Linear Actuator with Position Sensor Therefore Transfer Seal For A Removable Nozzle Tip Of An Injection Molding Apparatus Valve Pin guiding Tip For A Nozzle 10/69: Tight Pitch Nozzle With Individual Valve Gate Control 10/70: Injection nozzle with planar heater 10/70: Nozzle with Thermally Conductive Device 10/71: In-Line Valve Gated Nozzle 10/71: Hot Runner Nozzle With A Tip, A tip Surrounding Piece And An Alignment Piece 10/72: Method for Fast Manufacturing and Assembling of Hot Runner Systems	9699 7576 9488 0685 1547 4807	7125242B2 7131834B2 6955534B2 7168943B2
Decompression Device For An Injection Molding Apparatus10/63°Valve Pin Adjustment Device10/63°Improved Valve to Valve Melt Transfer Device10/64°Guided Valve Pin For An Injection Molding Apparatus10/65Mixing Device10/67°Injection Molding Apparatus and Linear Actuator with Position Sensor Therefore10/68Transfer Seal For A Removable Nozzle Tip Of An Injection Molding Apparatus10/68Valve Pin guiding Tip For A Nozzle10/69Tight Pitch Nozzle With Individual Valve Gate Control10/70Injection nozzle with planar heater10/71Nozzle with Thermally Conductive Device10/71In-Line Valve Gated Nozzle10/71Hot Runner Nozzle With A Tip, A tip Surrounding Piece And An Alignment Piece10/71Method for Fast Manufacturing and Assembling of Hot Runner Systems10/72	9488 0685 1547 4807	7131834B2 6955534B2 7168943B2
Valve Pin Adjustment Device 10/63: Improved Valve to Valve Melt Transfer Device 10/64: Guided Valve Pin For An Injection Molding Apparatus 10/65 Mixing Device 10/67: Injection Molding Apparatus and Linear Actuator with Position Sensor Therefore Transfer Seal For A Removable Nozzle Tip Of An Injection Molding Apparatus Valve Pin guiding Tip For A Nozzle 10/69 Tight Pitch Nozzle With Individual Valve Gate Control 10/70 Injection nozzle with planar heater 10/71 In-Line Valve Gated Nozzle 10/71 In-Line Valve Gated Nozzle 10/71 Hot Runner Nozzle With A Tip, A tip Surrounding Piece And An Alignment Piece Method for Fast Manufacturing and Assembling of Hot Runner Systems 10/72	9488 0685 1547 4807	6955534B2 7168943B2
Improved Valve to Valve Melt Transfer Device 10/64 Guided Valve Pin For An Injection Molding Apparatus 10/65 Mixing Device 10/67 Injection Molding Apparatus and Linear Actuator with Position Sensor Therefore 10/68 Transfer Seal For A Removable Nozzle Tip Of An Injection Molding Apparatus 10/68 Valve Pin guiding Tip For A Nozzle 10/69 Tight Pitch Nozzle With Individual Valve Gate Control 10/70 Injection nozzle with planar heater 10/71 In-Line Valve Gated Nozzle 10/71 Hot Runner Nozzle With A Tip, A tip Surrounding Piece And An Alignment Piece 10/71 Method for Fast Manufacturing and Assembling of Hot Runner Systems 10/72	0685 1547 4807	7168943B2
Guided Valve Pin For An Injection Molding Apparatus Mixing Device Injection Molding Apparatus and Linear Actuator with Position Sensor Therefore Transfer Seal For A Removable Nozzle Tip Of An Injection Molding Apparatus Valve Pin guiding Tip For A Nozzle Tight Pitch Nozzle With Individual Valve Gate Control Injection nozzle with planar heater Nozzle with Thermally Conductive Device In-Line Valve Gated Nozzle Hot Runner Nozzle With A Tip, A tip Surrounding Piece And An Alignment Piece Method for Fast Manufacturing and Assembling of Hot Runner Systems	1547 4807	
Mixing Device 10/6/ Injection Molding Apparatus and Linear Actuator with Position Sensor Therefore 10/68 Transfer Seal For A Removable Nozzle Tip Of An Injection Molding Apparatus 10/69 Valve Pin guiding Tip For A Nozzle 10/79 Tight Pitch Nozzle With Individual Valve Gate Control 10/70 Injection nozzle with planar heater 10/70 Nozzle with Thermally Conductive Device 10/71 In-Line Valve Gated Nozzle 10/71 Hot Runner Nozzle With A Tip, A tip Surrounding Piece And An Alignment Piece 10/71 Runner Systems 10/72	4807	7044728B2
Injection Molding Apparatus and Linear Actuator with Position Sensor Therefore Transfer Seal For A Removable Nozzle Tip Of An Injection Molding Apparatus Valve Pin guiding Tip For A Nozzle Tight Pitch Nozzle With Individual Valve Gate Control Injection nozzle with planar heater Nozzle with Thermally Conductive Device In-Line Valve Gated Nozzle Hot Runner Nozzle With A Tip, A tip Surrounding Piece And An Alignment Piece Method for Fast Manufacturing and Assembling of Hot Runner Systems		7044728B2
Transfer Seal For A Removable Nozzle Tip Of An Injection Molding Apparatus Valve Pin guiding Tip For A Nozzle Tight Pitch Nozzle With Individual Valve Gate Control Injection nozzle with planar heater Nozzle with Thermally Conductive Device In-Line Valve Gated Nozzle Hot Runner Nozzle With A Tip, A tip Surrounding Piece And An Alignment Piece Method for Fast Manufacturing and Assembling of Hot Runner Systems		
Valve Pin guiding Tip For A Nozzle Tight Pitch Nozzle With Individual Valve Gate Control Injection nozzle with planar heater Nozzle with Thermally Conductive Device In-Line Valve Gated Nozzle Hot Runner Nozzle With A Tip, A tip Surrounding Piece And An Alignment Piece Method for Fast Manufacturing and Assembling of Hot Runner Systems 10/69 10/70 10/7	6624	7131832B2
Tight Pitch Nozzle With Individual Valve Gate Control Injection nozzle with planar heater 10/70 Nozzle with Thermally Conductive Device 10/71 In-Line Valve Gated Nozzle Hot Runner Nozzle With A Tip, A tip Surrounding Piece And An Alignment Piece Method for Fast Manufacturing and Assembling of Hot Runner Systems 10/72	9867	7128566B2
Injection nozzle with planar heater 10/70 Nozzle with Thermally Conductive Device 10/71 In-Line Valve Gated Nozzle 10/71 Hot Runner Nozzle With A Tip, A tip Surrounding Piece And An Alignment Piece 10/71 Method for Fast Manufacturing and Assembling of Hot Runner Systems 10/72	0521	7192270B2
Nozzle with Thermally Conductive Device 10/71 In-Line Valve Gated Nozzle 10/71 Hot Runner Nozzle With A Tip, A tip Surrounding Piece And An Alignment Piece 10/71 Method for Fast Manufacturing and Assembling of Hot Runner Systems 10/72	1493	7156648B2
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Hot Runner Nozzle With A Tip, A tip Surrounding Piece And An Alignment Piece Method for Fast Manufacturing and Assembling of Hot Runner Systems 10/71	.6827	7029269B2
Method for Fast Manufacturing and Assembling of Hot Runner Systems	7623	7137807B2
Transfer to be a second	20017	7236841B2
Diamond Coating of Nozzle Tip 10/72	22120	7134868B2
Stroke Limiter for Valve Actuating Mechanism 10/72	25031	7048532B2
Hot Runner Co-injection Nozzle 10/72	25538	7175419B2
13. The standard of the standard	28871	7040378B2
Nozzle Tip and Seal 10/72	28872	7165965B2
Nozzle and Method for Making a Nozzle with a Removable 10/73	32417	7118704B2
and Replaceable Heating Device Lateral Gating Injection Molding Apparatus 10/72	36624	7198740B2
Two Position Double Injection Molding Apparatus and 10/7-	49001	7210917B2
Method Heat Dissipation Device For And Method of Dissipating Heat From A Nozzle 10/7		7118703B2
C A 124 the def Diggingting Hoot	55366	7105123B2
Telescopic Manifold Nozzle Seal 10/7	55366 55367	7189071B2

Title	Application No.	Patent No.
Valve gated injection molding system with independent flow	10/777643	7175420B2
control	207777070	
Method and Apparatus for Removing Melt from a Dead Melt		
Residue Stagnation Zone Adjoining a Valve Pin In An	10/785105	
Injection Molding Apparatus	niection Molding Apparatus	
Hot Runner Manifold Plug for Rheological Balance in Hot	10/786017	
Runner Injection Molding		
Method and Apparatus for Heating a Nozzle With Radiant	10/801672	7160101B2
Energy	10/005202	7172409B2
Injection Molding Valve Pin Bushing	10/805382	/1/240902
Valve Gated Nozzle with Pressure Sensor Linked to the	10/809707	7182893B2
Valve Pin	10/010/220	7238019B2
Injection Molding Nozzle and Tip	10/810679	7238019D2
Guided Valve Pin For An Injection Molding Apparatus	10/811176	
Cast Hot Runner Manifold for Injection Molding Apparatus	10/812028	
Sprue Bar Anti-Drool with Side Entry	10/813165	
Gap Seal Between a Nozzle and a Mold Component in an		604576900
Injection Molding Gap Seal Between a Nozzle and a Mold	10/817825	6945768B2
Component in an Injection Molding Appar		717000100
Front-mountable, Edge-gating Nozzle	10/819165	7179081B2
Hot Runner Nozzle with Melt Sealing	10/819267	7252498B2
Gap Seal Between Nozzle Components	10/822855	7018197B2
Hot Runner Nozzle with Removable Tip and Tip Retainer	10/839337	7143496B2
Mold and Hot Runner Controller Located on the Machine	10/871570	7258536B2
Platen		717041100
Pivot Nozzle	10/871684	7172411B2
Injection Molding Manifold Having A heating System With	10/873459	
Two Portions		
Stack Injection Molding Apparatus with Separately Actuated	10/877990	7086852B2
Arrays of Valve Gates		
Injection Nozzle System and Injection Machine	10/880438	7182591B2
Incorporating Same	10/00/2100	7125243B2
Removable Heater For A Hot Runner Nozzle	10/885128	7123243B2 7201335B2
Injection Nozzle Tip	10/889301	/201333D2
Method and Apparatus for Distributing Melt in a Multi-Level	10/892397	7122145B2
Stack Mold		
Tip Assembly Having at Least Three Components for Hot	10/899033	6971869B2
Runner Nozzle		
Gap Seal Between a Nozzle and a Mold Component in an	10/902470 6988883B2	
Injection Molding Gap Seal Between a Nozzle and a Mold		
Component in an Injection Molding Appar		
Tip Assembly Having at Least Three Components for Hot	10/925211	· and desired and
Runner Nozzle		70//11002
Hot Runner Nozzle and Manifold Seal	10/936726	7244118B2

Title	Application No.	Patent No.
Injection nozzle with planar heater	10/986061	
Injection Molding Apparatus with a melt channel valve pin	10/962551	7226283
Multiple Materials Injection Molding Method	11/065136	
Front-mountable, Edge-gating Nozzle	11/065166	
Injection Molding Nozzle Having An Annular Flow Tip	11/065167	
Insulating Collar for an Injection Molding Apparatus	11/065565	
Thermal Seal Between Manifold and Nozzle	11/067660	7168941B2
Modular Injection Nozzle Having A Thermal Barrier	11/100457	
Nozzle Having a Nozzle Body with Heated and Unheated	11/100506	
Nozzle Metering device for a nozzle of an injection molding	11/113359	7192268B2
apparatus III (C. III	11/120205	
Micro Molding Manifold (Small Pitch)	11/12/02/03	
Tip Assembly Having at Least Three Components for Hot Runner Nozzle	11/135525	7108503B2
Valve-Gated Injection Molding Nozzle having an Annular Flow	11/142915	
Melt Transfer Device For A Stack Injection Molding Apparatus	11/155726	all Market
Adjustable Valve Pin Actuator For An Injection Molding Apparatus	11/237886	
Balanced Manifold	11/242038	
Extruded Shape for Distribution of Electrical Wiring,	11/04/31/55	
Hydraulic Fluid and Cooling Fluid around a Hot Runner System, Inside an Injection Mold	11/247155	
Multi Zone Temperature Controller For Injection Molding System	11/252243	
Manifold Plug for an Injection Molding Apparatus	11/252790	
Snap on Flange	11/252883	
Injection Molding Nozzle with Rounded Tip	11/252884	
Edge Gated Injection Molding Apparatus	11/253585	
Injection Molding Nozzle With Recessed Terminal	11/286479	
Retainer for a mold gate insert for use in an injection	11/298059	- Annual
molding apparatus	11/301075	
Anti-Drool Mechanism For a Sprue Bushing	11/339957	
Insert For an Injection Molding Apparatus Valve Bushing With Vent Channels For An Injection	11/347137	
Molding Apparatus	11/252510	
Nozzle End for Multiple Tipped Injection Molding Nozzle	11/352519	
Edge Gate Nozzle Seal		
Configurable Manifold A Valve Pin Guiding and Alignment System for an Injection	11/399940	7223092B2
Molding Machine Thermal Shroud and Method of Making Same	11/435969	S. Land Spell and N. J. Spell Spell State

Title	Application No.	Patent No.
Valve Pin With Thermocouple	11/436185	
Extruded Shape for Distribution of Electrical Wiring, Hydraulic Fluid and Cooling Fluid around a Hot Runner	11/455243	
System, Inside an Injection Mold	4 2 12 4 15 15 15 15	
Hot Runner Nozzle with Interlaced Heater and Sensor	11/510994	, , , , , , , , , , , , , , , , , , ,
Coinjection Molding Apparatus and Related Hot-Runner Nozzle	11/549365	
Injection Molding Nozzle With Recessed Terminal	11/563087	
Method for Fast Manufacturing and Assembling of Hot Runner Systems	11/608396	
Valve-Gated Injection Molding Nozzle Having an Annular Flow	11/609152	
Valve Gated Nozzle with Pressure Sensor Linked to the Valve Pin	11/615620	
Injection Nozzle System and Injection Machine Incorporating Same	11/679455	- Commission of the Commission
Hot Runner Nozzle with Interlaced Heater and Sensor	11/681593	
Hot Runner Nozzle with Interlaced Heater and Sensor	11/685266	
Open Loop Pressure Control For Injection Molding	11/736901	
A Manifold Nozzle Connection For An Injection Molding System	11/746054	
Injection Molding Nozzle With Valve Pin Alignment	11/746060	
Valve Bushing Having Thermally Insulative Component	11/753310	
Individual Cavity Shut-Off For An Injection Molding	11/764163	
Apparatus Value Die Astrotica Davida For A Hot Pupper Apparatus	11/764845	
Valve Pin Actuating Device For A Hot Runner Apparatus	11/845859	
Injection Molding Apparatus Having Valve Pin Bushing Heated Injection Molding Nozzle with Alternate	161814	5326251
Thermocouple Bores	29/215302	D525592
Hot-Runner Controller	29/213302	1200000
Injection Molding Insert Having an Aligned Pin and Melt Inlet	96934	5366369
MULTIPLE-GATE INJECTION MOLDING APPARATUS	11/875318	
INJECTION MOLDING APPARTUS HAVING MAGNETIC VALVE PIN COUPLING	11/876706	
FRONT-MOUNTABLE, EDGE-GATING NOZZLE	11/947029	
VALVE FOR CO-INJECTION MOLDING APPARATUS	11/958793	
EDGE GATED INJECTION MOLDING APPARATUS	11/961210	
INJECTION MOLDING SYSTEM HAVING A BUS	11/962704	
EDGE GATED INJECTION MOLDING APPARATUS	11/962220	
INJECTION MOLDING NOZZLE HAVING AN	12/018630	
ANNULAR FLOW TIP HOT RUNNER ACTUATOR	12/034323	
HOLKONNER ACTUATOR	1 220 00 0000	

Title	Application No.	Patent No.
VALVE-GATED INJECTION MOLDING SYSTEM WITH	12/053424	
SIDE-MOUNTED ACTUATOR HOT RUNNER NOZZLE HAVING THERMAL INSERT		
AT DOWNSTREAM END	12/056782	
INJECTION MOLDING APPARATUS HAVING EDGE-		
GATED RUNNERLESS NOZZLE AND RELATED	12/111938	
METHOD OF TIP REMOVAL		
MULTI-PIECE VALVE PIN BUSHING	12/135133	
INJECTION MOLDING APPARATUS WITH PLATE	12/140527	The state of the s
ACTUATION OF VALVE PINS	12,3,000,	
EDGE-GATED NOZZLE	12/142901	
MELT BALANCING ELEMENT IN A MANIFOLD MELT CHANNEL	12/143643	
MELT TRANSFER COMPONENTS FOR A STACK	12/186126	
MOLDING SYSTEM	12/100120	
INDIVIDUAL CAVITY SHUT-OFF VALVE FOR AN INJECTION MOLDING APPARATUS	12/245956	To the state of th
INJECTION MOLDING ACTUATOR POSITION SENSING	12/248597	

SCHEDULE B U.S. TRADEMARKS AND TRADEMARK APPLICATIONS

Trademark	Application No.	Registration No.
Dura Mega-Shot	74/429167	2019486
Flex-Series	78/361109	
Accu-Valve	78/873356	
Mold-Masters Limited System	43871	1072894
Melt-Disk	78/873359	
Fusion Series	78/900804	
Mastercare	78/391774	3243510
Dura Femto-Shot	74/674405	2177077
Nozzle Design 1	76/510772	2911838
Nozzle Design 2	76/510771	2911837
Nozzle Design 3	76/510770	2911836
Dura	74/214901	2042134
Scan-Master	583456	1447183
Master-Series	76/417873	2940466
Merlin	75/696113	2389509
Dura Hecto-Shot	74/429170	1984430
Dura Centi-Shot	74/429168	1933748
Merlin	76/170673	2802817
Master-Probe	426873	1282175
Master-Shot	73/215570	1186387
Hot Edge	138894	1142933
Masterspeed	78/391833	3044627
Mastersolution	78/391757	3044626
Dura Deci-Shot	74/429169	1932033
Dura Pico-Shot	74/429166	1932032
Mold-Masters Limited Academy	74/210875	1918627
Stack-Link	76/472943	2990935
Mold-Masters Limited	26671	1020951

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